OIPE JC33 301
MAY 03 2004
PATENT & TRADEMARK OFFICE

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10/669,162*

Source. *IFWO*

Date Processed by STIC: *2/27/04*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/669,162

DATE: 02/24/2004
TIME: 14:54:25

Input Set : A:\210387_2.doc
Output Set: N:\CRF4\02242004\J669162.raw

```
 3 <110> APPLICANT: Breaker, Ronald R.
 4         Nahvi, Ali
 5         Sudarsan, Narasimhan
 6         Ebert, Margaret S.
 7         Winkler, Wade
 8         Barrick, Jeffrey E.
 9         Wickiser, John K.
12 <120> TITLE OF INVENTION: RIBOSWITCHES, METHODS FOR THEIR USE, AND
13        COMPOSITIONS FOR USE WITH RIBOSWITCHES
15 <130> FILE REFERENCE: 25006.0016U2
17 <140> CURRENT APPLICATION NUMBER: 10/669,162
18 <141> CURRENT FILING DATE: 2003-09-22
20 <150> PRIOR APPLICATION NUMBER: 60/412,468
21 <151> PRIOR FILING DATE: 2002-09-20
23 <160> NUMBER OF SEQ ID NOS: 377
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

Does Not Comply
Corrected Diskette Needed
(Pg. 1-6)

ERRORED SEQUENCES

```
·1918 <210> SEQ ID NO: 112
 1919 <211> LENGTH: 486
 1920 <212> TYPE: RNA
 1921 <213> ORGANISM: Bacillus subtilis
 1923 <220> FEATURE:
 1924 <221> NAME/KEY: misc_feature
 1925 <222> LOCATION: (21)...(307)
 1926 <223> OTHER INFORMATION: n = g, a, c or t/u
 1928 <400> SEQUENCE: 112
```

No "t's" are allowed in a RNA sequence.

For a combined DNA/RNA sequence please use a <212> response of "DNA" and explain in <220>-<223> section.

```
-->  1929 atatccgttc ttatcaagag nnnaagcaga gggannctgg nnncccgac gaagctnnc  60
-->  1930 agcaaccggt gtaatggcnn nnnnnnnnnn nnnnnnnnnn nnngatcann nnnnnnnnnn  120
-->  1931 nnnnnnnnnn nnnnngccat gaccaaggtg cttaaatncca gnnnnncaa gctnnnnnnn  180
-->  1932 nnnncgaaca nnnnnnnnnn ngcttggaag ataagaagag acaaaatcac tgacaaannn  240
-->  1933 nnnnnnnnnn nnnnnnnnnn nnnnnnnnct gttcttnnnn nnnnnnnnnn gttnnnnnnn  300
-->  1934 nnnnnnnaag aggactttt tatttattt ttttcgttgc tgatgtgaat aaaggaggca  360
-->  1935 gacaatggga ctttttagaag atttgcaaag acaggtctta atcgctgacg gcgccattggg  420
-->  1936 gacgttttta tattacttag gcattgacag gtttttgag gagctaatg cttcaaagcc  480
      1937 ggagga                                                           486
 1939 <210> SEQ ID NO: 113
 1940 <211> LENGTH: 486
 1941 <212> TYPE: RNA
 1942 <213> ORGANISM: Bacillus subtilis
 1944 <220> FEATURE:
```

RAW SEQUENCE LISTING   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:25

Input Set : A:\210387_2.doc
Output Set: N:\CRF4\02242004\J669162.raw

[handwritten: SAME errors ↓]

```
     1945 <221> NAME/KEY: misc_feature
     1946 <222> LOCATION: (21)...(305)
     1947 <223> OTHER INFORMATION: n = g, a, c or t/u
     1949 <400> SEQUENCE: 113
E--> 1950 tcgatatttc ttatcgtgag nnnaggtgga gggannctgg nnnnccctta gaaacctnnc 60
E--> 1951 agcaaccggc ttgttttgcn nnnnnnnnnn nnnnnnnnnn nnnatttnnn nnnnnnnnnn 120
E--> 1952 nnnnnnnnnn nnnngcaaag cgccaaggtg ctaaatncca gnnnnnncaa gcgtnnnnnn 180
E--> 1953 nnnnttttn nnnnnnnnna tgcttggaag ataagaagaa gcgttaaann nnnnnnnnnn 240
E--> 1954 nnnnnnnnnn nnnnnnnnnn nnnnnnnncc ccttcttcnn nnnnnnnnnt tatnnnnnnn 300
E--> 1955 nnnnngaaga aggggtttttt attttgaaaa gggaaggtgt cagctatatg tcacagcacg 360
E--> 1956 ttgaaacgaa attagctcaa attgggaacc gtagcgatga agtcacggga acagtgagtg 420
E--> 1957 ctcctatcta tttatcaaca gcataccgcc acagagggat cggagaatct accggatttg 480
E--> 1958 attatg                                                      486
```

```
     1960 <210> SEQ ID NO: 114
\    1961 <211> LENGTH: 486
     1962 <212> TYPE: RNA
     1963 <213> ORGANISM: Bacillus subtilis
     1965 <220> FEATURE:
     1966 <221> NAME/KEY: misc_feature
     1967 <222> LOCATION: (21)...(304)
     1968 <223> OTHER INFORMATION: n = g, a, c or t/u
```

[handwritten: SAME errors ↓]

```
     1970 <400> SEQUENCE: 114
3--> 1971 acattttctc ttatcgagag nnttgggcga gggannttgg nnnnccttttt gaccccaanc 60
3--> 1972 agcaaccgac cnnnnnngta ataccattgt gaaatggggc gcactgcttt tcgcgccgag 120
3--> 1973 actgatgtct cataannnnn nggcacggtg ctaattncca tnnnnnncag atnnnnnnnn 180
3--> 1974 nnnnntgtnn nnnnnnnnnn ngtctgagag atgagagagg cagtgtttta cgtagaaaan 240
3--> 1975 nnnnnnnnnn nnnnnnnnnn nnnnnnnngc ctctttctcn nnnnnnnnnt catnnnnnnn 300
3--> 1976 nnnngggaaa gaggctttt gttgtgagaa aacctcttag cagcctgtat ccgcgggtga 360
3--> 1977 aagagagtgt tttacatata aaggaggaga aacaatgaca accatcaaaa catcgaattt 420
3--> 1978 aggatttccg agaatcgacc tgaaccggga atggaaaaaa gcacttgaag cgtattggaa 480
     1979 aggcag                                                      486
```

[handwritten callout: The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.]

VERIFICATION SUMMARY   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:26

Input Set : **A:\210387_2.doc**
Output Set: **N:\CRF4\02242004\J669162.raw**

```
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:120
M:341 Repeated in SeqNo=3
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
M:341 Repeated in SeqNo=5
L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
M:341 Repeated in SeqNo=6
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
M:341 Repeated in SeqNo=8
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
M:341 Repeated in SeqNo=9
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
M:341 Repeated in SeqNo=10
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
M:341 Repeated in SeqNo=12
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
M:341 Repeated in SeqNo=18
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
M:341 Repeated in SeqNo=21
L:504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
M:341 Repeated in SeqNo=22
L:520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
M:341 Repeated in SeqNo=23
L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
M:341 Repeated in SeqNo=24
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
M:341 Repeated in SeqNo=25
L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
M:341 Repeated in SeqNo=26
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
M:341 Repeated in SeqNo=29
L:628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
```

VERIFICATION SUMMARY   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:26

Input Set : A:\210387_2.doc
Output Set: N:\CRF4\02242004\J669162.raw

```
M:341 Repeated in SeqNo=31
L:660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1718 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:98
L:1929 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:10
L:1930 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:1930 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:14
L:1931 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:5
L:1931 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:19
L:1932 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:5
L:1932 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:24
L:1933 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:1933 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:31
L:1934 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:22
L:1934 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:53
L:1935 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:1935 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:67
L:1936 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:18
L:1936 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:85
L:1950 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:14
L:1951 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9
L:1951 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:23
L:1952 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:1952 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:27
L:1953 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
L:1953 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:38
L:1954 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:1954 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:45
L:1955 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:1955 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:60
L:1956 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:1956 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:72
L:1957 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:1957 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:87
L:1958 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
L:1958 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:90
L:1971 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:16
L:1972 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
L:1972 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:27
L:1973 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
L:1973 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:38
L:1974 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
L:1974 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:49
L:1975 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:1975 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:56
L:1976 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:15
L:1976 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:71
L:1977 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:1977 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:84
:1978 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
```

VERIFICATION SUMMARY   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:26

Input Set : **A:\210387_2.doc**
Output Set: **N:\CRF4\02242004\J669162.raw**

```
L:1978 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:95
L:1992 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:17
L:1993 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:1993 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:31
L:1994 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:1994 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:43
L:1995 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:8
L:1995 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:51
L:1996 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
L:1996 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:57
L:1997 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:19
L:1997 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:76
L:1998 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:1998 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:89
L:1999 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:1999 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:101
L:2013 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:10
L:2014 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
L:2014 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:13
L:2015 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:2015 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:20
L:2016 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:2016 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:24
L:2017 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
L:2017 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:30
L:2018 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:17
L:2018 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:47
L:2019 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:9
L:2019 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:56
L:2020 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:12
L:2020 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:68
L:2021 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:2021 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:69
L:2034 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:9
L:2035 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:2035 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:13
L:2036 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:2036 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:20
L:2037 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:2037 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:34
L:2038 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
L:2038 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:40
L:2039 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:19
L:2039 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:59
L:2040 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:2040 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:73
L:2041 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:13
L:2041 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:86
L:2056 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
```

VERIFICATION SUMMARY   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:26

Input Set : A:\210387_2.doc
Output Set: N:\CRF4\02242004\J669162.raw

```
L:2057 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:2058 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:10
L:2059 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:2060 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:17
L:2061 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
```

VERIFICATION SUMMARY   DATE: 02/24/2004
PATENT APPLICATION: US/10/669,162   TIME: 14:54:26

Input Set : **A:\210387_2.doc**
Output Set: **N:\CRF4\02242004\J669162.raw**

```
L:2057 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
L:2058 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:10
L:2059 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
L:2060 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:17
L:2061 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:14
```